

TIME

0405Z 04 DEC 64

SECRET

TO : DIRECTOR

FROM :

ACTION:

INFO :

ROUTING	INT
1	
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PRIORITY

25X1A

IN-60897

25X1A

TOR: 0532Z 04 DEC 64

TO PRIORITY

INFO

CITE

OXCART FLTEST OPS

1. ARTICLE 131 MADE FLIGHT ²⁶ ON 3 DEC 64, TAKEOFF AT 1500 HOURS, FOR 1 HOUR 11 MINUTES. MISSION SYSTEM G TEST. GROSS WEIGHT 11,300 LBS, CG: 20.9, TAKEOFF DISTANCE 7200 FEET, TAKEOFF SPEED 225 KNOTS, TEMPERATURE 49 DEGREES, WIND 300/12, MAXIMUM SPEED 2.92 MACH, MAXIMUM ALTITUDE 80,000 FEET. TIME OVER 2.0 MACH 45 MINUTES, TIME OVER 2.6 MACH 30 MINUTES, TIME OVER 2.8 MACH 20 MINUTES, TIME OVER 50,000 ALT FEET 45 MINUTES.

2. THE RIGHT BURNER WAS SLOW TO LIGHT BOTH ON GROUND AND IN THE AIR. TAKEOFF AND CLIMB NORMAL. INLET OPERATION SMOOTH THROUGHOUT FLIGHT AT 1.63 MACH A LARGE 2000 PSI HYDRO FLUCTUATION OCCURRED. ALTHOUGH NO CHANGE IN CIP'S NOTED. SMALL AMPLITUDE FLUCTUATION IN LEFT AND RIGHT HYDRO SYSTEMS WERE NOTED DURING FLIGHT. RUN FOR SYSTEM G TEST WAS MADE AT 2.8 MACH, 77,000 FEET ALTITUDE IN MAX AB. KEAS BLED OFF TO 315 (2.72 MACH) WHERE UPON INLET BECAME ROUGH. BOOMED BASE AT 72,000 FEET.

3. DURING DECELERATION AT 1.85 MACH TURNED ON H.F. AT 1.82

SECRET

USAF review(s)
completed.

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S E C R E T

25X1A

[REDACTED] (IN-60807)

PAGE TWO (2)

MACH LARGE AMPLITUDE HYDRO FLUCTUATIONS. [REDACTED]

25X1A

AT 1.4 MACH. PILOT CAME UPON AIR WITH H.F., COULD NOT CONTACT
GROUND, ALTHOUGH GROUND COULD HEAR ARTICLE ON H.F.. LANDING
NORMAL. CHUTE DEPLOYED BUT WOULD NOT JETTISON UNTIL 4-5 CYCLES.

END OF MESSAGE

S E C R E T